

### Abstract of the Disclosure

A screw or a tapping screw, comprising an ultra fine structure steel having ferrite grains of 3  $\mu\text{m}$  or smaller in average grain size and a nitrided layer on a surface part, wherein a strength is increased, a surface hardness is increased, and the surface hardness and an inside hardness are kept in balance, whereby a novel tapping screw and novel general screws can be provided.